1. Identify major business processes of this store
   1. Selling products to customers, management of inventory/sales (amount and of what), buying products from supplier.
2. Determine activities of each process
   1. Selling products to customers: Customer presents a list of items (to buy), the cashier checks price of each item and calculate the total cost, the customer pays, and then the cashier gets the payments and provides the sale receipt.
   2. Management of inventory: Check stock of items in the store (virtually or physically), determine if any changes were made to stock of items since last check, update records to reflect changes.
   3. Buying products from supplier: Checks amount of stock of various items and determines what to buy, the manager reaches out to the supplier with an order, the supplier agrees to terms and gives a total price to the manager, the manager pays, the supplier delivers stock and gives receipt.
   4. Sell products, order new supply, manage supply stock, scan barcodes of items.
3. Determine involved people and group into classes (roles)
   1. Manager, Cashier/employee, customer, supplier
4. Determine their responsibilities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Customer | Cashier |  |  |
| Present list of items to buy | Responsible |  |  |  |
| Check item prices and calculate total cost |  | Responsible |  |  |
| Provide payment | Responsible |  |  |  |
| Provide Receipt |  | Responsible |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Manager | Employee |  |  |
| Check stock of items in store |  | Responsible |  |  |
| Determine if stock has changed at all since last check |  | Responsible |  |  |
| Update records of any changes | Inform | Responsible |  |  |
| Sign off on updated records | Responsible |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Manager | Supplier |  |  |
| Check amount of stock of various items and determines what needs to be bought | Responsible |  |  |  |
| Reaches out to supplier with an order | Responsible |  |  |  |
| Agrees to terms and provides total cost of items |  | Responsible |  |  |
| Pays for items. | Responsible |  |  |  |
| Delivers stock and gives receipt |  | Responsible |  |  |